

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A refrigerator comprising:

a freezing chamber;

a refrigerating chamber at a side of the freezing chamber;

a barrier between the freezing chamber and the refrigerating chamber, the barrier having

a refrigerating chamber cold air passage formed therein;

a partition plate for compartmentalizing a freezing chamber cold air passage in rear of the freezing chamber ~~where an evaporator is positioned;~~

~~the an evaporator provided in a "T" form along the freezing chamber cold air passage and the refrigerating chamber cold air passage;~~

a partition wall between the freezing chamber cold air passage and the refrigerating chamber cold air passage, the evaporator passing through the partition wall such that the evaporator is exposed to the freezing chamber cold air passage and the refrigerating chamber cold air passage; and

a fan mounted over the freezing chamber cold air passage and the refrigerating chamber cold air passage for discharging cold air flowing through respective cold air passages to the freezing chamber and the refrigerating chamber, respectively.

2. (Original) The refrigerator as claimed in claim 1, wherein the evaporator includes a first part exposed to the freezing chamber cold air passage, and a second part exposed to the refrigerating chamber cold air passage.

3. (Original) The refrigerator as claimed in claim 2, wherein the first part is larger than the second part.

4. (Original) The refrigerator as claimed in claim 2, wherein an outer surface of the first part and the second part is separated by the partition wall for preventing the cold air flowing through respective parts from mixing with each other.

5. (Original) The refrigerator as claimed in claim 1, wherein the partition plate includes a front plate and a rear plate, to form a cold air passage between the plates.

6. (Original) The refrigerator as claimed in claim 5, wherein the front plate has a plurality of cold air discharge openings formed therein.

7. (Original) The refrigerator as claimed in claim 5, wherein the rear plate has an opening in an upper part thereof, and the fan is provided adjacent to the opening.

8. (Original) The refrigerator as claimed in claim 5, wherein the partition plate has openings in a lower part thereof to form cold air suction openings.

9. (Original) The refrigerator as claimed in claim 1, wherein the fan is a cross flow fan.

10. (Original) The refrigerator as claimed in claim 9, wherein the cross flow fan has one side exposed to the freezing chamber cold air passage, and the other side exposed to the refrigerating chamber cold air passage.

11. (Original) The refrigerator as claimed in claim 9, wherein the first part is separated from the second part by a separation plate.

12. (Original) The refrigerator as claimed in claim 9, wherein the refrigerating chamber cold air passage has a cold air discharge opening above a part adjacent to the cross flow fan.

13. (Original) The refrigerator as claimed in claim 12, wherein the cold air discharge opening has a damper provided thereto for opening/closing the cold air discharge opening.

14. (Original) The refrigerator as claimed in claim 1, wherein the barrier has cold air suction openings in a lower part of a refrigerating chamber side thereof in communication with the refrigerating chamber cold air passage.

15. (Original) The refrigerator as claimed in claim 1, wherein the evaporator is an one layered fin-tube type heat exchanger.

16. (Currently Amended) A refrigerator comprising:
a freezing chamber;

a refrigerating chamber at a side of the freezing chamber;

a barrier between the freezing chamber and the refrigerating chamber, the barrier having
a refrigerating~~freezing~~ chamber cold air passage formed therein;

a partition plate for compartmentalizing a freezing chamber cold air passage in rear of the
freezing chamber where an evaporator is positioned;

~~the~~an evaporator provided in a "T" form along the freezing chamber cold air passage and
~~the~~refrigerating chamber cold air passage;

a partition wall between the freezing chamber cold air passage and the refrigerating
chamber cold air passage, the evaporator passing through the partition wall such that the
evaporator is exposed to the freezing chamber cold air passage and the refrigerating chamber
cold air passage; and

fans respectively provided to the freezing chamber cold air passage and the refrigerating
chamber cold air passage for forced circulation of cold air to the freezing chamber and the
refrigerating chamber, respectively.

17. (Original) The refrigerator as claimed in claim 16, wherein the freezing chamber cold
air passage and the refrigerating chamber cold air passage are in communication with each other
at one sides thereof, and a damper is provided in a part of the communication is made.

18. (Original) The refrigerator as claimed in claim 16, wherein the evaporator includes a
first part exposed to the freezing chamber cold air passage, and a second part exposed to the
refrigerating chamber cold air passage.

19. (Original) The refrigerator as claimed in claim 18, wherein the first part is larger than the second part.

20. (Original) The refrigerator as claimed in claim 18, wherein the first part and the second part are separated by the partition wall for preventing the cold air flowing through respective parts from mixing with each other.

21. (Original) The refrigerator as claimed in claim 16, wherein the partition plate includes a front plate and a rear plate, to form a cold air passage between the plates.

22. (Original) The refrigerator as claimed in claim 21, wherein the front plate has a plurality of cold air discharge openings formed therein.

23. (Original) The refrigerator as claimed in claim 21, wherein the rear plate has an opening in an upper part thereof, and the fan is provided adjacent to the opening.

24. (Original) The refrigerator as claimed in claim 21, wherein the partition plate has openings in a lower part thereof to form cold air suction openings.

25. (Currently Amended) The refrigerator as claimed in ~~claim 1~~claim 21, wherein one of the fans in the freezing chamber cold air passage is an axial flow fan, and another one of the fans in the refrigerating chamber cold air passage is a cross flow fan.

26. (Original) The refrigerator as claimed in claim 25, wherein the refrigerating chamber cold air passage has a cold air discharge opening in a part adjacent to the cross flow fan.

27. (Original) The refrigerator as claimed in claim 26, wherein the cold air discharge opening has a damper provided thereto for opening/closing the cold air discharge opening.

28. (Original) The refrigerator as claimed in claim 16, wherein the barrier has cold air suction openings in a lower part of a refrigerating chamber side thereof in communication with the refrigerating chamber cold air passage.

29. (Original) The refrigerator as claimed in claim 16, wherein the evaporator is an one layered fin-tube type heat exchanger.

30. (New) The refrigerator as claimed in claim 1, wherein the evaporator has an L shape.

31. (New) The refrigerator as claimed in claim 2, wherein a combination of the first part and the second part forms an L shape structure.

32. (New) The refrigerator as claimed in claim 2, wherein the second part is located within the barrier.

33. (New) The refrigerator as claimed in claim 16, wherein the evaporator has an L shape.

34. (New) The refrigerator as claimed in claim 18, wherein a combination of the first part and the second part forms an L shape structure.

35. (New) The refrigerator as claimed in claim 18, wherein the second part is located within the barrier.